

Abstract

A method which can correctly calculate a twist angle in a wire harness, an apparatus for the method, and a program for the method are provided. In the invention, a shape obtained by deforming a reference shape model and superimposing the deformed reference shape model on a deformed shape model is calculated with using a finite element method, while referring physical properties of a wire-like structure. In accordance with the superimposition, also a reference axis of the reference shape model is rotated. An angle formed by the reference axis at the timing when the superimposition is ended, and a clamp axis of the deformed shape model and/or a virtual clamp axis is calculated as a twist angle.